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(54) **REUSABLE MULTILAYER AND
MULTIFUNCTIONAL FLOOR UNDERLAY**

- (71) Applicant: **Chi-Feng Chang**, New Taipei (TW)
(72) Inventor: **Ta-Wei Chang**, New Taipei (TW)
(73) Assignee: **Chi-Feng Chang**, New Taipei (TW)
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See application file for complete search history.

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Primary Examiner — Patricia L Nordmeyer

(74) *Attorney, Agent, or Firm* — Rosenberg, Klein & Lee

(57)

ABSTRACT

The present invention relates to a floor underlay, which is reusable and has multilayer and multifunctional characteristics. The floor underlay is used for joining the floor and floor decoration sheets. The structure of the floor underlay comprises adhesive layers, support layers, waterproof layers, and a multiple-media intermediate layer. The multiple-media intermediate layer is formed by mixing a plurality of medium particles. The medium particles are formed by elastic materials, such as rubber, rubber foam, polyurethane, or polyurethane foam. Thereby, the floor including the floor underlay will have the vibration absorption, sound absorption, flame resistive, and fall prevention functions.

10 Claims, 2 Drawing Sheets

